

# CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/125,005

1642  
CRF Processing Date: 2/16/2000  
Edited by: \_\_\_\_\_  
Verified by: AL (STIC staff)

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically:  

ENTERED
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:  
\_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:  
\_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:  
\_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:  
\_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:  
\_\_\_\_\_
- ☒ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file;  
☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically:  
\_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically:  
\_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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MAR - 9 2000  
1600 MAIL ROOM

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

Input Set: I125005.RAW

<p>This Raw Listing contains the General Information Section and up to first 5 pages.</p>
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MAR-9 2000  
TC 1600 MAIL ROOM

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1  <110> APPLICANT: Caput, Daniel
2      Ferrara, Pascual
3      Kaghad, Ahmed Mourad
4  <120> TITLE OF INVENTION: Purified SR-p70 Protein
5  <130> FILE REFERENCE: IVD-913
6  <140> CURRENT APPLICATION NUMBER: US/09/125,005
7  <141> CURRENT FILING DATE: 1998-07-30
8  <150> EARLIER APPLICATION NUMBER: PCT/FR97/00214
9  <151> EARLIER FILING DATE: 1997-02-03
10 <160> NUMBER OF SEQ ID NOS: 55
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12 <210> SEQ ID NO 1
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14 <212> TYPE: DNA
15 <213> ORGANISM: Cebus apella
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18 <222> LOCATION: 156..2066
19 <400> SEQUENCE: 1
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W--> 22      agagcgagct gccctcggag gccggtgtga ggaag atg gcc cag tcc acc acc      173
23                                     Met Ala Gln Ser Thr Thr
24                                     1           5
W--> 25      acc tcc ccc gat ggg ggc acc acg ttt gag cac ctc tgg agc tct ctg      221
26      Thr Ser Pro Asp Gly Gly Thr Thr Phe Glu His Leu Trp Ser Ser Leu
27               10           15           20
W--> 28      gaa cca gac agc acc tac ttc gac ctt ccc cag tca agc cgg ggg aat      269
29      Glu Pro Asp Ser Thr Tyr Phe Asp Leu Pro Gln Ser Ser Arg Gly Asn
30               25           30           35
W--> 31      aat gag gtg gtg ggt ggc acg gat tcc agc atg gac gtc ttc cac cta      317
32      Asn Glu Val Val Gly Gly Thr Asp Ser Ser Met Asp Val Phe His Leu
33               40           45           50
W--> 34      gag ggc atg acc aca tct gtc atg gcc cag ttc aat ttg ctg agc agc      365
35      Glu Gly Met Thr Thr Ser Val Met Ala Gln Phe Asn Leu Leu Ser Ser
36               55           60           65           70
W--> 37      acc atg gac cag atg agc agc cgc gct gcc tcg gcc agc ccg tac acc      413
38      Thr Met Asp Gln Met Ser Ser Arg Ala Ala Ser Ala Ser Pro Tyr Thr
39               75           80           85
W--> 40      ccg gag cac gcc gcc agc gtg ccc acc cat tca ccc tac gca cag ccc      461
41      Pro Glu His Ala Ala Ser Val Pro Thr His Ser Pro Tyr Ala Gln Pro
42               90           95           100
W--> 43      agc tcc acc ttc gac acc atg tcg ccc gcg cct gtc atc ccc tcc aac      509
44      Ser Ser Thr Phe Asp Thr Met Ser Pro Ala Pro Val Ile Pro Ser Asn

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DATE: 02/18/2000  
TIME: 14:13:36

Input Set: I125005.RAW

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46	Thr Asp Tyr Pro Gly Pro His His Phe Glu Val Thr Phe Gln Gln Ser	
47	120	
48	agc acg gcc aag tca gcc acc tgg acg tac tcc cca ctc ttg aag aaa	605
49	Ser Thr Ala Lys Ser Ala Thr Trp Thr Tyr Ser Pro Leu Leu Lys Lys	
50	135	
51	ctc tac tgc cag atc gcc aag aca tgc ccc atc cag atc aag gtg tcc	653
52	Leu Tyr Cys Gln Ile Ala Lys Thr Cys Pro Ile Gln Ile Lys Val Ser	
53	140	
54	gcc cca ccg ccc ccg ggc acc gcc atc cgg gcc atg cct gtc tac aag	701
55	Ala Pro Pro Pro Gly Thr Ala Ile Arg Ala Met Pro Val Tyr Lys	
56	170	
57	aag gcg gag cac gtg acc gac atc gtg aag cgc tgc ccc aac cac gag	749
58	Lys Ala Glu His Val Thr Asp Ile Val Lys Arg Cys Pro Asn His Glu	
59	185	
60	ctc ggg agg gac ttc aac gaa gga cag tct gcc cca gcc agc cac ctc	797
61	Leu Gly Arg Asp Phe Asn Glu Gly Gln Ser Ala Pro Ala Ser His Leu	
62	200	
63	atc cgt gtg gaa ggc aat aat ctc tcg cag tat gtg gac cct gtc	845
64	Ile Arg Val Glu Gly Asn Asn Leu Ser Gln Tyr Val Asp Asp Pro Val	
65	215	
66	acc ggc agg cag agc gtc gtg gtg ccc tat gag cca cca cag gtg ggg	893
67	Thr Gly Arg Gln Ser Val Val Val Pro Tyr Glu Pro Pro Gln Val Gly	
68	220	
69	aca gaa ttc acc acc atc ctg tac aac ttc atg tgt aac agc agc tgt	941
70	Thr Glu Phe Thr Thr Ile Leu Tyr Asn Phe Met Cys Asn Ser Ser Cys	
71	235	
72	gtg ggg ggc atg aac cga cgg ccc atc ctc atc atc atc acc ctg gag	989
73	Val Gly Gly Met Asn Arg Arg Pro Ile Leu Ile Ile Ile Thr Leu Glu	
74	250	
75	acg cgg gat ggg cag gtg ctg ggc cgc cgg tcc ttc gag ggc cgc atc	1037
76	Thr Arg Asp Gly Gln Val Leu Gly Arg Arg Ser Phe Glu Gly Arg Ile	
77	265	
78	tgc gcc tgt cct ggc cgc gac cga aaa gcc gat gag gac cac tac cgg	1085
79	Cys Ala Cys Pro Gly Arg Asp Arg Lys Ala Asp Glu Asp His Tyr Arg	
80	280	
81	gag cag cag gcc ttg aat gag agc tcc gcc aag aac ggg gct gcc agc	1133
82	Glu Gln Gln Ala Leu Asn Glu Ser Ser Ala Lys Asn Gly Ala Ala Ser	
83	295	
84	aag cgc gcc ttc aag cag agt ccc cct gcc gtc ccc gcc ctg ggc ccg	1181
85	Lys Arg Ala Phe Lys Gln Ser Pro Ala Val Pro Ala Leu Gly Pro	
86	315	
87	ggt gtg aag aag cgg cgg cac gga gac gag gac acg tac tac ctg cag	1229
88	Gly Val Lys Lys Arg Arg His Gly Asp Glu Asp Thr Tyr Tyr Leu Gln	
89	330	
90	gtg cga ggc cgc gag aac ttc gag atc ctg atg aag ctg aag gag agc	1277
91	Val Arg Gly Arg Glu Asn Phe Glu Ile Leu Met Lys Leu Lys Glu Ser	
92	345	
93	ctg gag ctg atg gag ttg gtg ccg cag ccg ctg gta gac tcc tat cgg	1325
94	360	

Input Set: I125005.RAW

	95	Leu Glu Leu Met Glu Leu Val Pro Gln Pro Leu Val Asp Ser Tyr Arg	
	96	375 380 385 390	
W-->	97	cag cag cag cag ctc cta cag agg ccg agt cac cta cag ccc cca tcc	1373
	98	Gln Gln Gln Gln Leu Leu Gln Arg Pro Ser His Leu Gln Pro Pro Ser	
	99	395 400 405	
W-->	100	tac ggg ccg gtc ctc tcg ccc atg aac aag gtg cac ggg ggc gtg aac	1421
	101	Tyr Gly Pro Val Leu Ser Pro Met Asn Lys Val His Gly Gly Val Asn	
	102	410 415 420	
W-->	103	aag ctg ccc tcc gtc aac cag ctg gtg ggc cag cct ccc ccg cac agc	1469
	104	Lys Leu Pro Ser Val Asn Gln Leu Val Gly Gln Pro Pro Pro His Ser	
	105	425 430 435	
W-->	106	tcg gca gct aca ccc aac ctg gga cct gtg ggc tct ggg atg ctc aac	1517
	107	Ser Ala Ala Thr Pro Asn Leu Gly Pro Val Gly Ser Gly Met Leu Asn	
	108	440 445 450	
W-->	109	aac cac ggc cac gca gtg cca gcc aac agc gag atg acc agc agc cac	1565
	110	Asn His Gly His Ala Val Pro Ala Asn Ser Glu Met Thr Ser Ser His	
	111	455 460 465 470	
W-->	112	ggc acc cag tcc atg gtc tcg ggg tcc cac tgc act ccg cca ccc ccc	1613
	113	Gly Thr Gln Ser Met Val Ser Gly Ser His Cys Thr Pro Pro Pro Pro	
	114	475 480 485	
W-->	115	tac cac gcc gac ccc agc ctc gtc agt ttt tta aca gga ttg ggg tgt	1661
	116	Tyr His Ala Asp Pro Ser Leu Val Ser Phe Leu Thr Gly Leu Gly Cys	
	117	490 495 500	
W-->	118	cca aac tgc atc gag tat ttc acg tcc cag ggg tta cag agc att tac	1709
	119	Pro Asn Cys Ile Glu Tyr Phe Thr Ser Gln Gly Leu Gln Ser Ile Tyr	
	120	505 510 515	
W-->	121	cac ctg cag aac ctg acc atc gag gac ctg ggg gcc ctg aag atc ccc	1757
	122	His Leu Gln Asn Leu Thr Ile Glu Asp Leu Gly Ala Leu Lys Ile Pro	
	123	520 525 530	
W-->	124	gag cag tat cgc atg acc atc tgg cgg ggc ctg cag gac ctg aag cag	1805
	125	Glu Gln Tyr Arg Met Thr Ile Trp Arg Gly Leu Gln Asp Leu Lys Gln	
	126	535 540 545 550	
W-->	127	ggc cac gac tac ggc gcc gcc gcg cag cag ctg ctc cgc tcc agc aac	1853
	128	Gly His Asp Tyr Gly Ala Ala Ala Gln Gln Leu Leu Arg Ser Ser Asn	
	129	555 560 565	
W-->	130	gcg gcc gcc att tcc atc ggc gcc tcc ggg gag ctg cag cgc cag cgg	1901
	131	Ala Ala Ala Ile Ser Ile Gly Gly Ser Gly Glu Leu Gln Arg Gln Arg	
	132	570 575 580	
W-->	133	gtc atg gag gcc gtg cac ttc cgc gtg cgc cac acc atc acc atc ccc	1949
	134	Val Met Glu Ala Val His Phe Arg Val Arg His Thr Ile Thr Ile Pro	
	135	585 590 595	
W-->	136	aac cgc ggc ggc ccc ggc gcc gcc ccc gac gag tgg gcg gac ttc ggc	1997
	137	Asn Arg Gly Gly Pro Gly Ala Gly Pro Asp Glu Trp Ala Asp Phe Gly	
	138	600 605 610	
W-->	139	ttc gac ctg ccc gac tgc aag gcc cgc aag cag ccc atc aag gag gag	2045
	140	Phe Asp Leu Pro Asp Cys Lys Ala Arg Lys Gln Pro Ile Lys Glu Glu	
	141	615 620 625 630	
W-->	142	ttc acg gag gcc gag atc cac tgaggggccc ggcccagcca gagcctgtgc	2096
	143	Phe Thr Glu Ala Glu Ile His	
	144	635	

Input Set: I125005.RAW

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W--> 146      gcagggcctc caggctgtgc ccggggaaag gcaagggtccg gcccattgcc cggcacctca 2216
W--> 147      ccggcccccag gagaggccca gccaccaaag ccgcctgcgg acagcctgag tcacctgcag 2276
W--> 148      aaccttctgg agctgcccta atgctgggct tgcggggcag gggccggccc actctcagcc 2336
W--> 149      ctgccactgc cgggcgtgct ccatggcagg cgtgggtggg gaccgcagtg tcagctccga 2396
W--> 150      cctccaggcc tcatactaga gactctgtca tctgccgatc aagcaaggtc cttccagagg 2456
W--> 151      aaagaatcct cttcgctggg ggactgccaa aaagtatttt gcgacatctt ttggttctgg 2516
W--> 152      agagtgggtga gcagccaagc gactgtgtct gaaacaccgt gcattttcag ggaatgtccc 2576
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W--> 155      gaaaactggg gaaggcgcaa cccctcccag gtgcgggaag catctggtac cgcctcggcc 2756
W--> 156      agtgcctcctc agcctggcca cagtcacctc tccttgggga accctgggca gaaagggaca 2816
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160      <212> TYPE: PRT
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165      His Leu Trp Ser Ser Leu Glu Pro Asp Ser Thr Tyr Phe Asp Leu Pro
166      20 25 30
167      Gln Ser Ser Arg Gly Asn Asn Glu Val Val Gly Gly Thr Asp Ser Ser
168      35 40 45
169      Met Asp Val Phe His Leu Glu Gly Met Thr Thr Ser Val Met Ala Gln
170      50 55 60
171      Phe Asn Leu Leu Ser Ser Thr Met Asp Gln Met Ser Ser Arg Ala Ala
172      65 70 75 80
173      Ser Ala Ser Pro Tyr Thr Pro Glu His Ala Ala Ser Val Pro Thr His
174      85 90 95
175      Ser Pro Tyr Ala Gln Pro Ser Ser Thr Phe Asp Thr Met Ser Pro Ala
176      100 105 110
177      Pro Val Ile Pro Ser Asn Thr Asp Tyr Pro Gly Pro His His Phe Glu
178      115 120 125
179      Val Thr Phe Gln Gln Ser Ser Thr Ala Lys Ser Ala Thr Trp Thr Tyr
180      130 135 140
181      Ser Pro Leu Leu Lys Lys Leu Tyr Cys Gln Ile Ala Lys Thr Cys Pro
182      145 150 155 160
183      Ile Gln Ile Lys Val Ser Ala Pro Pro Pro Gly Thr Ala Ile Arg
184      165 170 175
185      Ala Met Pro Val Tyr Lys Lys Ala Glu His Val Thr Asp Ile Val Lys
186      180 185 190
187      Arg Cys Pro Asn His Glu Leu Gly Arg Asp Phe Asn Glu Gly Gln Ser
188      195 200 205
189      Ala Pro Ala Ser His Leu Ile Arg Val Glu Gly Asn Asn Leu Ser Gln
190      210 215 220
191      Tyr Val Asp Asp Pro Val Thr Gly Arg Gln Ser Val Val Val Pro Tyr
192      225 230 235 240
193      Glu Pro Pro Gln Val Gly Thr Glu Phe Thr Thr Ile Leu Tyr Asn Phe
194      245 250 255

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**RAW SEQUENCE LISTING**  
**PATENT APPLICATION US/09/125,005**

 DATE: 02/18/2000  
 TIME: 14:13:36

Input Set: I125005.RAW

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195      Met Cys Asn Ser Ser Cys Val Gly Gly Met Asn Arg Arg Pro Ile Leu
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198                      275                      280                      285
199      Ser Phe Glu Gly Arg Ile Cys Ala Cys Pro Gly Arg Asp Arg Lys Ala
200                      290                      295                      300
201      Asp Glu Asp His Tyr Arg Glu Gln Gln Ala Leu Asn Glu Ser Ser Ala
202      305                      310                      315                      320
203      Lys Asn Gly Ala Ala Ser Lys Arg Ala Phe Lys Gln Ser Pro Pro Ala
204                      325                      330                      335
205      Val Pro Ala Leu Gly Pro Gly Val Lys Lys Arg Arg His Gly Asp Glu
206                      340                      345                      350
207      Asp Thr Tyr Tyr Leu Gln Val Arg Gly Arg Glu Asn Phe Glu Ile Leu
208                      355                      360                      365
209      Met Lys Leu Lys Glu Ser Leu Glu Leu Met Glu Leu Val Pro Gln Pro
210                      370                      375                      380
211      Leu Val Asp Ser Tyr Arg Gln Gln Gln Gln Leu Leu Gln Arg Pro Ser
212      385                      390                      395                      400
213      His Leu Gln Pro Pro Ser Tyr Gly Pro Val Leu Ser Pro Met Asn Lys
214                      405                      410                      415
215      Val His Gly Gly Val Asn Lys Leu Pro Ser Val Asn Gln Leu Val Gly
216                      420                      425                      430
217      Gln Pro Pro Pro His Ser Ser Ala Ala Thr Pro Asn Leu Gly Pro Val
218                      435                      440                      445
219      Gly Ser Gly Met Leu Asn Asn His Gly His Ala Val Pro Ala Asn Ser
220                      450                      455                      460
221      Glu Met Thr Ser Ser His Gly Thr Gln Ser Met Val Ser Gly Ser His
222      465                      470                      475                      480
223      Cys Thr Pro Pro Pro Pro Tyr His Ala Asp Pro Ser Leu Val Ser Phe
224                      485                      490                      495
225      Leu Thr Gly Leu Gly Cys Pro Asn Cys Ile Glu Tyr Phe Thr Ser Gln
226                      500                      505                      510
227      Gly Leu Gln Ser Ile Tyr His Leu Gln Asn Leu Thr Ile Glu Asp Leu
228                      515                      520                      525
229      Gly Ala Leu Lys Ile Pro Glu Gln Tyr Arg Met Thr Ile Trp Arg Gly
230                      530                      535                      540
231      Leu Gln Asp Leu Lys Gln Gly His Asp Tyr Gly Ala Ala Ala Gln Gln
232      545                      550                      555                      560
233      Leu Leu Arg Ser Ser Asn Ala Ala Ala Ile Ser Ile Gly Gly Ser Gly
234                      565                      570                      575
235      Glu Leu Gln Arg Gln Arg Val Met Glu Ala Val His Phe Arg Val Arg
236                      580                      585                      590
237      His Thr Ile Thr Ile Pro Asn Arg Gly Gly Pro Gly Ala Gly Pro Asp
238                      595                      600                      605
239      Glu Trp Ala Asp Phe Gly Phe Asp Leu Pro Asp Cys Lys Ala Arg Lys
240                      610                      615                      620
241      Gln Pro Ile Lys Glu Glu Phe Thr Glu Ala Glu Ile His
242      625                      630                      635

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&lt;210&gt; SEQ ID NO 3

&lt;211&gt; LENGTH: 2034

Input Set: I125005.RAW

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21	W Line data has been corrected	GCCGGGGCCC GCGCCAGGCC GGCCGGGACG GACGCCGA
22	W Line data has been corrected	AGAGCGAGCT GCCCTCGGAG GCCGGTGTGA GGAAG AT
25	W Line data has been corrected	ACC TCC CCC GAT GGG GGC ACC ACG TTT GAG C
28	W Line data has been corrected	GAA CCA GAC AGC ACC TAC TTC GAC CTT CCC C
31	W Line data has been corrected	AAT GAG GTG GTG GGT GGC ACG GAT TCC AGC A
34	W Line data has been corrected	GAG GGC ATG ACC ACA TCT GTC ATG GCC CAG T
37	W Line data has been corrected	ACC ATG GAC CAG ATG AGC AGC CGC GCT GCC T
40	W Line data has been corrected	CCG GAG CAC GCC GCC AGC GTG CCC ACC CAT T
43	W Line data has been corrected	AGC TCC ACC TTC GAC ACC ATG TCG CCC GCG C
46	W Line data has been corrected	ACC GAC TAT CCC GGA CCC CAC CAC TTC GAG G
49	W Line data has been corrected	AGC ACG GCC AAG TCA GCC ACC TGG ACG TAC T
52	W Line data has been corrected	CTC TAC TGC CAG ATC GCC AAG ACA TGC CCC A
55	W Line data has been corrected	GCC CCA CCG CCC CCG GGC ACC GCC ATC CGG G
58	W Line data has been corrected	AAG GCG GAG CAC GTG ACC GAC ATC GTG AAG C
61	W Line data has been corrected	CTC GGG AGG GAC TTC AAC GAA GGA CAG TCT G
64	W Line data has been corrected	ATC CGT GTG GAA GGC AAT AAT CTC TCG CAG T
67	W Line data has been corrected	ACC GGC AGG CAG AGC GTC GTG GTG CCC TAT G
70	W Line data has been corrected	ACA GAA TTC ACC ACC ATC CTG TAC AAC TTC A
73	W Line data has been corrected	GTG GGG GGC ATG AAC CGA CGG CCC ATC CTC A
76	W Line data has been corrected	ACG CGG GAT GGG CAG GTG CTG GGC CGC CGG T
79	W Line data has been corrected	TGC GCC TGT CCT GGC CGC GAC CGA AAA GCC G
82	W Line data has been corrected	GAG CAG CAG GCC TTG AAT GAG AGC TCC GCC A
85	W Line data has been corrected	AAG CGC GCC TTC AAG CAG AGT CCC CCT GCC G
88	W Line data has been corrected	GGT GTG AAG AAG CGG CGG CAC GGA GAC GAG G
91	W Line data has been corrected	GTG CGA GGC CGC GAG AAC TTC GAG ATC CTG A
94	W Line data has been corrected	CTG GAG CTG ATG GAG TTG GTG CCG CAG CCG C
97	W Line data has been corrected	CAG CAG CAG CAG CTC CTA CAG AGG CCG AGT C
100	W Line data has been corrected	TAC GGG CCG GTC CTC TCG CCC ATG AAC AAG G
103	W Line data has been corrected	AAG CTG CCC TCC GTC AAC CAG CTG GTG GGC C
106	W Line data has been corrected	TCG GCA GCT ACA CCC AAC CTG GGA CCT GTG G
109	W Line data has been corrected	AAC CAC GGC CAC GCA GTG CCA GCC AAC AGC G
112	W Line data has been corrected	GGC ACC CAG TCC ATG GTC TCG GGG TCC CAC T
115	W Line data has been corrected	TAC CAC GCC GAC CCC AGC CTC GTC AGT TTT T
118	W Line data has been corrected	CCA AAC TGC ATC GAG TAT TTC ACG TCC CAG G
121	W Line data has been corrected	CAC CTG CAG AAC CTG ACC ATC GAG GAC CTG G
124	W Line data has been corrected	GAG CAG TAT CGC ATG ACC ATC TGG CGG GGC C
127	W Line data has been corrected	GGC CAC GAC TAC GGC GCC GCC GCG CAG CAG C
130	W Line data has been corrected	GCG GCC GCC ATT TCC ATC GGC GGC TCC GGG G
133	W Line data has been corrected	GTC ATG GAG GCC GTG CAC TTC CGC GTG CGC C
136	W Line data has been corrected	AAC CGC GGC GGC CCC GGC GCC GGC CCC GAC G
139	W Line data has been corrected	TTC GAC CTG CCC GAC TGC AAG GCC CGC AAG C
142	W Line data has been corrected	TTC ACG GAG GCC GAG ATC CAC TGAGGGGCGG GG
145	W Line data has been corrected	CACCGCCAG AGACCCAGGC CGCCTCGCTC TCCTTCCT
146	W Line data has been corrected	GCAGGGCCTC CAGGCTGTGC CCGGGGAAAG GCAAGGTC
147	W Line data has been corrected	CCGGCCCCAG GAGAGGCCCA GCCACCAAAG CCGCCTGC
148	W Line data has been corrected	AACCTTCTGG AGCTGCCCTA ATGCTGGGCT TGCGGGGC
149	W Line data has been corrected	CTGCCACTGC CGGGCGTGCT CCATGGCAGG CGTGGGTG
150	W Line data has been corrected	CCTCCAGGCC TCATCTAGA GACTCTGTCA TCTGCCGA
151	W Line data has been corrected	AAAGAATCCT CTTCGCTGGT GGACTGCCAA AAAGTATT

Input Set: I125005.RAW

Line	? Error/Warning	Original Text
152	W Line data has been corrected	AGAGTGGTGA GCAGCCAAGC GACTGTGTCT GAAACACC
153	W Line data has been corrected	TAACGGGCTG GGGACTCTCT CTGCTGGACT TGGGAGTG
154	W Line data has been corrected	ATTCTGCGGG ACCGCCTCCT TCCTGCCCCCT AACCAACCA
155	W Line data has been corrected	GAAAACTGGG GAAGGCGCAA CCCCTCCCAG GTGCGGGA
156	W Line data has been corrected	AGTGCCCCCTC AGCCTGGCCA CAGTCACCTC TCCTTGGG
157	W Line data has been corrected	GCCTGTCCTT AGAGGACCGG AAATTGTCAA TATTTGAT
251	W Line data has been corrected	TGCCTCCCCG CCCGCGCACC CGCCCCGAGG CCTGTGCT
252	W Line data has been corrected	GCCGGGGCCC GCGCCAGGCC GGCCGGGACG GACGCCGA
253	W Line data has been corrected	AGAGCGAGCT GCCCTCGGAG GCCGGTGTGA GGAAG AT
256	W Line data has been corrected	ACC TCC CCC GAT GGG GGC ACC ACG TTT GAG C
259	W Line data has been corrected	GAA CCA GAC AGC ACC TAC TTC GAC CTT CCC C
262	W Line data has been corrected	AAT GAG GTG GTG GGT GGC ACG GAT TCC AGC A
265	W Line data has been corrected	GAG GGC ATG ACC ACA TCT GTC ATG GCC CAG T
268	W Line data has been corrected	ACC ATG GAC CAG ATG AGC AGC CGC GCT GCC T
271	W Line data has been corrected	CCG GAG CAC GCC GCC AGC GTG CCC ACC CAT T
274	W Line data has been corrected	AGC TCC ACC TTC GAC ACC ATG TCG CCC GCG C
277	W Line data has been corrected	ACC GAC TAT CCC GGA CCC CAC CAC TTC GAG G
280	W Line data has been corrected	AGC ACG GCC AAG TCA GCC ACC TGG ACG TAC T
283	W Line data has been corrected	CTC TAC TGC CAG ATC GCC AAG ACA TGC CCC A
286	W Line data has been corrected	GCC CCA CCG CCC CCG GGC ACC GCC ATC CGG G
289	W Line data has been corrected	AAG GCG GAG CAC GTG ACC GAC ATC GTG AAG C
292	W Line data has been corrected	CTC GGG AGG GAC TTC AAC GAA GGA CAG TCT G
295	W Line data has been corrected	ATC CGT GTG GAA GGC AAT AAT CTC TCG CAG T
298	W Line data has been corrected	ACC GGC AGG CAG AGC GTC GTG GTG CCC TAT G
301	W Line data has been corrected	ACA GAA TTC ACC ACC ATC CTG TAC AAC TTC A
304	W Line data has been corrected	GTG GGG GGC ATG AAC CGA CGG CCC ATC CTC A
307	W Line data has been corrected	ACG CGG GAT GGG CAG GTG CTG GGC CGC CGG T
310	W Line data has been corrected	TGC GCC TGT CCT GGC CGC GAC CGA AAA GCC G
313	W Line data has been corrected	GAG CAG CAG GCC TTG AAT GAG AGC TCC GCC A
316	W Line data has been corrected	AAG CGC GCC TTC AAG CAG AGT CCC CCT GCC G
319	W Line data has been corrected	GGT GTG AAG AAG CGG CGG CAC GGA GAC GAG G
322	W Line data has been corrected	GTG CGA GGC CGC GAG AAC TTC GAG ATC CTG A
325	W Line data has been corrected	CTG GAG CTG ATG GAG TTG GTG CCG CAG CCG C
328	W Line data has been corrected	CAG CAG CAG CAG CTC CTA CAG AGG CCG AGT C
331	W Line data has been corrected	TAC GGG CCG GTC CTC TCG CCC ATG AAC AAG G
334	W Line data has been corrected	AAG CTG CCC TCC GTC AAC CAG CTG GTG GGC C
337	W Line data has been corrected	TCG GCA GCT ACA CCC AAC CTG GGA CCT GTG G
340	W Line data has been corrected	AAC CAC GGC CAC GCA GTG CCA GCC AAC AGC G
343	W Line data has been corrected	GGC ACC CAG TCC ATG GTC TCG GGG TCC CAC T
346	W Line data has been corrected	TAC CAC GCC GAC CCC AGC CTC GTC AGG ACC T
349	W Line data has been corrected	CGAGCAGTAT CGCATGACCA TCTGGCGGGG CCTGCAGG
350	W Line data has been corrected	CGGCGCCGCC GCGCAGCAGC TGCTCCGCTC CAGCAACG
351	W Line data has been corrected	CTCCGGGGAG CTGCAGCGCC AGCGGGTCAT GGAGGCCG
352	W Line data has been corrected	CATCACCATC CCCAACC GCG GCGCCCCGG CGCCGGCC
353	W Line data has been corrected	CTTCGACCTG CCCGACTGCA AGGCCCCGAA GCAGCCCA
354	W Line data has been corrected	CGAGATCCAC TGAGGGGCGG GGCCCCAGCCA GAGCCTGT
355	W Line data has been corrected	CGCCTCGCTC TC
432	W Line data has been corrected	GCGAGCTGCC CTCGGAGGCC GGCGTGGGGA AG ATG G
435	W Line data has been corrected	TCC CCT GAT GGG GGC ACC ACG TTT GAG CAC C
438	W Line data has been corrected	CCA GAC AGC ACC TAC TTC GAC CTT CCC CAG T



Input Set: I125005.RAW

Line	Error/Warning	Original Text
441	W Line data has been corrected	GAG GTG GTG GGC GGA ACG GAT TCC AGC ATG G
444	W Line data has been corrected	GGC ATG ACT ACA TCT GTC ATG GCC CAG TTC A
447	W Line data has been corrected	ATG GAC CAG ATG AGC AGC CGC GCG GCC TCG G
450	W Line data has been corrected	GAG CAC GCC GCC AGC GTG CCC ACC CAC TCG C
453	W Line data has been corrected	TCC ACC TTC GAC ACC ATG TCG CCG GCG CCT G
456	W Line data has been corrected	GAC TAC CCC GGA CCC CAC CAC TTT GAG GTC A
459	W Line data has been corrected	ACG GCC AAG TCA GCC ACC TGG ACG TAC TCC C
462	W Line data has been corrected	TAC TGC CAG ATC GCC AAG ACA TGC CCC ATC C
465	W Line data has been corrected	CCG CCA CCC CCA GGC ACT GCC ATC CGG GCC A
468	W Line data has been corrected	GCG GAG CAC GTG ACC GAC GTC GTG AAA CGC T
471	W Line data has been corrected	GGG AGG GAC TTC AAC GAA GGA CAG TCT GCT C
474	W Line data has been corrected	CGC GTG GAA GGC AAT AAT CTC TCG CAG TAT G
477	W Line data has been corrected	GGC AGG CAG AGC GTC GTG GTG CCC TAT GAG C
480	W Line data has been corrected	GAA TTC ACC ACC ATC CTG TAC AAC TTC ATG T
483	W Line data has been corrected	GGG GGC ATG AAC CGG CGG CCC ATC CTC ATC A
486	W Line data has been corrected	CGG GAT GGG CAG GTG CTG GGC CGC CGG TCC T
489	W Line data has been corrected	GCC TGT CCT GGC CGC GAC CGA AAA GCT GAT G
492	W Line data has been corrected	CAG CAG GCC CTG AAC GAG AGC TCC GCC AAG A
495	W Line data has been corrected	CGT GCC TTC AAG CAG AGC CCC CCT GCC GTC C
498	W Line data has been corrected	GTG AAG AAG CGG CGG CAT GGA GAC GAG GAC A
501	W Line data has been corrected	CGA GGC CGG GAG AAC TTT GAG ATC CTG ATG A
504	W Line data has been corrected	GAG CTG ATG GAG TTG GTG CCG CAG CCA CTG G
507	W Line data has been corrected	CAG CAG CAG CTC CTA CAG AGG CCG AGT CAC C
510	W Line data has been corrected	GGG CCG GTC CTC TCG CCC ATG AAC AAG GTG C
513	W Line data has been corrected	CTG CCC TCC GTC AAC CAG CTG GTG GGC CAG C
516	W Line data has been corrected	GCA GCT ACA CCC AAC CTG GGG CCC GTG GGC C
519	W Line data has been corrected	CAT GGC CAC GCA GTG CCA GCC AAC GGC GAG A
522	W Line data has been corrected	GCC CAG TCC ATG GTC TCG GGG TCC CAC TGC A
525	W Line data has been corrected	CAC GCC GAC CCC AGC CTC GTC AGT TTT TTA A
528	W Line data has been corrected	AAC TGC ATC GAG TAT TTC ACC TCC CAA GGG T
531	W Line data has been corrected	CTG CAG AAC CTG ACC ATT GAG GAC CTG GGG G
534	W Line data has been corrected	CAG TAC CGC ATG ACC ATC TGG CGG GGC CTG C
537	W Line data has been corrected	CAC GAC TAC AGC ACC GCG CAG CAG CTG CTC C
540	W Line data has been corrected	ACC ATC TCC ATC GGC GGC TCA GGG GAA CTG C
543	W Line data has been corrected	GAG GCC GTG CAC TTC CGC GTG CGC CAC ACC A
546	W Line data has been corrected	GGC GGC CCA GGC GGC GGC CCT GAC GAG TGG G
549	W Line data has been corrected	CTG CCC GAC TGC AAG GCC CGC AAG CAG CCC A
552	W Line data has been corrected	GAG GCC GAG ATC CAC TGAGGGCCTC GCCTGGCTGC
555	W Line data has been corrected	GACCCAAAGCT GCCTCCCCTC TCCTTCCTGT GTGTCCAA
556	W Line data has been corrected	TTCGGGCTGT GCGCGGGGAA AGGCAAGGTC CGGCCCAT
557	W Line data has been corrected	AGGAAAGGCC CAGCCACCGA AGCCGCTGT GGACAGCC
651	W Line data has been corrected	TGATCTCCCT GTGGCCTGCA GGGGACTGAG CCAGGGAG
652	W Line data has been corrected	GACACCCAAAG GAAACCTTGC TGGCTTTGAG AAAGGGAT
653	W Line data has been corrected	AGC ATG TGT ATG GGC CCT GTG TAT GAA TCC T
656	W Line data has been corrected	AAT TTG CTC AGC AGT GCC ATG GAC CAG ATG G
659	W Line data has been corrected	GCG AGC CCC TAC ACC CCG GAG CAC GCC GCC A
662	W Line data has been corrected	CCC TAC GCG CAG CCC AGC TCC ACC TTC GAC A
665	W Line data has been corrected	GTC ATC CCT TCC AAT ACC GAC TAC CCC GGC C
668	W Line data has been corrected	ACC TTC CAG CAG TCG AGC ACT GCC AAG TCG G
671	W Line data has been corrected	CCA CTC TTG AAG AAG TTG TAC TGT CAG ATT G

Input Set: I125005.RAW

Line	? Error/Warning	Original Text
674	W Lin data has been corrected	CAG ATC AAA GTG TCC ACA CCA CCA CCC CCG G
677	W Line data has been corrected	ATG CCT GTC TAC AAG AAG GCA GAG CAT GTG A
680	W Line data has been corrected	TGC CCC AAC CAC GAG CTT GGA AGG GAC TTC A
683	W Line data has been corrected	CCG GCT AGC CAC CTC ATC CGT GTA GAA GGC A
686	W Line data has been corrected	GTG GAT GAC CCT GTC ACC GGA AGG CAG AGT G
689	W Line data has been corrected	CCC CCA CAG GTG GGA ACA GAA TTT ACC ACC A
692	W Line data has been corrected	TGT AAC AGC AGC TGT GTG GGG GGC ATG AAT C
695	W Line data has been corrected	ATC ATC ACC CTG GAG ACC CGG GAT GGA CAG G
698	W Line data has been corrected	TTC GAG GGT CGC ATC TGT GCC TGT CCT GGC C
701	W Line data has been corrected	GAA GAC CAT TAC CGG GAG CAA CAG GCT CTG A
704	W Line data has been corrected	AAT GGA GCT GCC AGC AAA CGT GCA TTC AAG C
707	W Line data has been corrected	CCT GCC CTG GGT ACC AAC GTG AAG AAG AGA C
710	W Line data has been corrected	ATG TTC TAC ATG CAC GTG CGA GGC CGG GAG A
713	W Line data has been corrected	AAA GTC AAG GAG AGC CTA GAA CTG ATG GAG C
716	W Line data has been corrected	GTT GAC TCC TAT CGA CAG CAG CAG CAG CAG C
719	W Line data has been corrected	AGT CAC CTG CAG CCT CCA TCC TAT GGG CCC G
722	W Line data has been corrected	AAG GTA CAC GGT GGT GTC AAC AAA CTG CCC T
725	W Line data has been corrected	GGC CAG CCT CCC CCG CAC AGC TCA GCA GCT G
728	W Line data has been corrected	ATG GGC TCC GGG ATG CTC AAC AGC CAC GGC C
731	W Line data has been corrected	GGT GAG ATG AAT GGA GGC CAC AGC TCC CAG A
734	W Line data has been corrected	CAC TGC ACC CCG CCA CCC CCC TAT CAT GCA G
737	W Line data has been corrected	TTT TTG ACA GGG TTG GGG TGT CCA AAC TGC A
740	W Line data has been corrected	CAA GGG TTG CAG AGC ATC TAC CAC CTG CAG A
743	W Line data has been corrected	CTT GGG GCT CTG AAG GTC CCT GAC CAG TAC C
746	W Line data has been corrected	GGC CTA CAG GAC CTG AAG CAG AGC CAT GAC T
749	W Line data has been corrected	CGC TCC AGC AGC AAC GCG GCC ACC ATC TCC A
752	W Line data has been corrected	CTG CAG CGG CAG CGG GTC ATG GAA GCC GTG C
755	W Line data has been corrected	ACC ATC ACA ATC CCC AAC CGT GGA GGC GCA G
758	W Line data has been corrected	GAC GAG TGG GCG GAC TTT GGC TTT GAC CTG C
761	W Line data has been corrected	AAG CAG CCC ATC AAA GAG GAG TTC ACA GAG A
764	W Line data has been corrected	TGAGGAACGT ACCTTCTTCT CCTGTCCTTC CTCTGTGA
765	W Line data has been corrected	CCTGTTGGCT GTGCCCACAG AAACCAGCAA GGACCTTC
766	W Line data has been corrected	GAAGTCGCTC ATGAACCTAAC TCCCTCTTGG
854	W Line data has been corrected	TGGTCCCGCT TCGACCAAGA CTCCGGCTAC CAGCTTGC
855	W Line data has been corrected	CCGCTGGGGC TAGCTGGGCG ACGCGCGCCA AGCGGCGG
856	W Line data has been corrected	GGGCCCCGAGA CCCCAGACTCG GGCAGAGCCA GCTGGGGA
857	W Line data has been corrected	GGGGCCCCGGG TGGCCGGCCC TCCTCCGCCA CGGCTGAG
858	W Line data has been corrected	GTCCGCCAAG AAAGGCGCTA AGCCTGCGGC AGTCCCCT
859	W Line data has been corrected	ACCCTTATAA CCCGCCGTCC CGCATCCAGG CGAGGAGG
860	W Line data has been corrected	CCGACGCCGA CGCCCGGCCC GGAGCAGA ATG AGC GG
863	W Line data has been corrected	GCC CAG ACC TCT TCT TCC TCC TCC TCC ACC T
866	W Line data has been corrected	TCT CTA GAG CCA GAC AGC ACC TAC TTT GAC C
869	W Line data has been corrected	GGG ACT AGC GAG GCA TCA GGC AGC GAG GAG T
872	W Line data has been corrected	CAC CTG CAA GGC ATG GCC CAG TTC AAT TTG C
875	W Line data has been corrected	CAG ATG GGC AGC CGT GCG GCC CCG GCG AGC C
878	W Line data has been corrected	GCC GCC AGC GCG CCC ACC CAC TCG CCC TAC G
881	W Line data has been corrected	TTC GAC ACC ATG TCT CCG GCG CCT GTC ATC C
884	W Line data has been corrected	CCC GGC CCC C
912	W Line data has been corrected	CGACCTTCCC CAGTCAAGCC GGGGGAATAA TGAGGTGG
913	W Line data has been corrected	GGACGTCTTC CACCTGGAGG GCATGACTAC ATCTGTCA

Input Set: I125005.RAW

Line	? Error/Warning	Original Text
914	W Line data has been corrected	CTAGCTGCGG AGCCTCTCCC GCTCGGTCCA CGCTGCGG
915	W Line data has been corrected	CCCCCTCGGGC CGCCCAGATC CATGCCTCGT CCCACGGG
916	W Line data has been corrected	AGACCCCCCG GCGCCTACCA TGCTGTACGT CGGTGACC
917	W Line data has been corrected	CCAGTTCAAT CTGCTGAGCA GCACCATGGA CCAGATGA
918	W Line data has been corrected	CCCCCTACACC CCAGAGCAGC CCGCCAGCGT GCCCCACC
919	W Line data has been corrected	CTCCACCTTC GACACCATGT CGCCGGCGCC TGTCATCC
920	W Line data has been corrected	ACCCACCCAC TTTGAGGTCA CTTTCCAGCA GTCCAGCA
921	W Line data has been corrected	GTACTCCCCG CTCTTGAAG
927	W Line data has been corrected	ATGCTGTACG TCGGTGACCC CGCACGGCAC CTCGCCAC
928	W Line data has been corrected	AGCACCATGG ACCAGATGAG CAGCCGCGCG GCCTCGGC
929	W Line data has been corrected	GCCGCCAGCG TGCCCCACCA CTCGCCCTAC GCACAACC
930	W Line data has been corrected	TCGCCGGCGC CTGTCTATCCC CTCCAACACC GACTACCC
931	W Line data has been corrected	ACTTTCCAGC AGTCCAGCAC GGCCAAGTCA GCCACCTG
932	W Line data has been corrected	AAACTCTACT GCCAGATCGC CAAGACATGC CCCATCCA
933	W Line data has been corrected	CCCCCAGGCA CTGCCATCCG GGCCATGCCT GTTTACAA
934	W Line data has been corrected	GTCGTGAAAC GCTGCCCCAA CCACGAGCTC GGGAGGGA
935	W Line data has been corrected	CCAGCCAGCC ACCTCATCCG CGTGAAGGC AATAATCT
936	W Line data has been corrected	GTCACCGGCA GGCAGAGCGT CGTGGTGCCC TATGAGCC
937	W Line data has been corrected	ACCACCATCC TGTACAACTT CATGTGTAAC AGCAGCTG
938	W Line data has been corrected	CCCATCCTCA TCATCATCAC CCTGGAGATG CGGGATGG
939	W Line data has been corrected	TTTGAGGGCC GCATCTGCGC CTGTCTTGGC CGCGACCG
940	W Line data has been corrected	CGGGAGCAGC AGGCCCTGAA CGAGAGCTCC GCCAAGAA
941	W Line data has been corrected	TTCAAGCAGA GCCCCCTGC CGTCCCCGCC CTTGGTGC
942	W Line data has been corrected	GGAGACGAGG ACACGTACTA CCTTCAGGTG CGAGGCCG
943	W Line data has been corrected	AAGCTGAAAG AGAGCCTGGA GCTGATGGAG TTGGTGCC
944	W Line data has been corrected	CGGCAGCAGC AGCAGCTCCT ACAGAGGCCG AGTCACCT
945	W Line data has been corrected	GTCCTCTCGC CCATGAACAA GGTGCACGGG GGCATGAA
946	W Line data has been corrected	CTGGTGGGCC AGCCTCCCCC GCACAGTTCG GCAGCTAC
947	W Line data has been corrected	CCCGGGATGC TCAACAACCA TGGCCACGCA GTGCCAGC
948	W Line data has been corrected	CACAGCGCCC AGTCCATGGT CTCGGGGTCC CACTGCAC
949	W Line data has been corrected	GACCCAGCC TCGTCAGTTT TTTAACAGGA TTGGGGTG
950	W Line data has been corrected	ACCTCCCAAG GGTTACAGAG CATTTACCAC CTGCAGAA
951	W Line data has been corrected	GCCCTGAAGA TCCCCGAGCA GTACCGCATG ACCATCTG
952	W Line data has been corrected	CAGGGCCACG ACTACAGCAC CGCGCAGCAG CTGCTCCG
953	W Line data has been corrected	TCCATCGGCG GCTCAGGGGA ACTGCAGCGC CAGCGGGT
954	W Line data has been corrected	GTGCGCCACA CCATCACCAT CCCCACCCGC GCGGCCCC
955	W Line data has been corrected	GCGGACTTCG GCTTCGACCT GCCCGACTGC AAGGCCCG
956	W Line data has been corrected	TTACGAGAG CCGAGATCCA CTGA
1041	W Line data has been corrected	ATGCTGTACG TCGGTGACCC CGCACGGCAC CTCGCCAC
1042	W Line data has been corrected	AGCACCATGG ACCAGATGAG CAGCCGCGCG GCCTCGGC
1043	W Line data has been corrected	GCCGCCAGCG TGCCCCACCA CTCGCCCTAC GCACAACC
1044	W Line data has been corrected	TCGCCGGCGC CTGTCTATCCC CTCCAACACC GACTACCC
1045	W Line data has been corrected	ACTTTCCAGC AGTCCAGCAC GGCCAAGTCA GCCACCTG
1046	W Line data has been corrected	AAACTCTACT GCCAGATCGC CAAGACATGC CCCATCCA
1047	W Line data has been corrected	CCCCCAGGCA CTGCCATCCG GGCCATGCCT GTTTACAA
1048	W Line data has been corrected	GTCGTGAAAC GCTGCCCCAA CCACGAGCTC GGGAGGGA
1049	W Line data has been corrected	CCAGCCAGCC ACCTCATCCG CGTGAAGGC AATAATCT
1050	W Line data has been corrected	GTCACCGGCA GGCAGAGCGT CGTGGTGCCC TATGAGCC
1051	W Line data has been corrected	ACCACCATCC TGTACAACTT CATGTGTAAC AGCAGCTG
1052	W Line data has been corrected	CCCATCCTCA TCATCATCAC CCTGGAGATG CGGGATGG

Input Set: I125005.RAW

Line	? Error/Warning	Original Text
1053	W Line data has been corrected	TTTGAGGGGCC GCATCTGCGC CTGTCCTGGC CGCGACCG
1054	W Line data has been corrected	CGGGAGCAGC AGGCCCTGAA CGAGAGCTCC GCCAAGAA
1055	W Line data has been corrected	TTCAAGCAGA GCCCCCTGC CGTCCCCGCC CTTGGTGC
1056	W Line data has been corrected	GGAGACGAGG ACACGTACTA CCTTCAGGTG CGAGGCCG
1057	W Line data has been corrected	AAGCTGAAAG AGAGCCTGGA GCTGATGGAG TTGGTGCC
1058	W Line data has been corrected	CGGCAGCAGC AGCAGCTCCT ACAGAGGCCG CCCC GGGA
1059	W Line data has been corrected	AGTGCCAGCC AACGGCGAGA TGAGCAGCAG CCACAGCG
1060	W Line data has been corrected	CCACTGCACT CCGCCACCCC CCTACCACGC CGACCCCA
1061	W Line data has been corrected	CTGAAGATCC CCGAGCAGTA CCGCATGACC ATCTGGCG
1062	W Line data has been corrected	GGCCACGACT ACAGCACCGC GCAGCAGCTG CTCCGCTC
1063	W Line data has been corrected	ATCGGCGGCT CAGGGGAACT GCAGCGCCAG CGGGTCAT
1064	W Line data has been corrected	CGCCACACCA TCACCATCCC CAACCGCGGC GGCCAGG
1065	W Line data has been corrected	GACTTCGGCT TCGACCTGCC CGACTGCAAG GCCCGCAA
1066	W Line data has been corrected	ACGGAGGCCG AGATCCACTG A
1144	W Line data has been corrected	TGCCCCGGGGC TCGACGGCT GCAGGGAACC AGACAGCA
1145	W Line data has been corrected	AAGCCGGGGG AATAATGAGG TGGTGGGCGG AACGGATT
1148	W Line data has been corrected	CAC CTG GAG GGC ATG ACT ACA TCT GTC ATG G
1151	W Line data has been corrected	AGC AGC ACC ATG GAC CAG ATG AGC AGC CGC G
1154	W Line data has been corrected	TAC ACC CCA GAG CAC GCC GCC AGC GTG CCC A
1157	W Line data has been corrected	CAA CCC AGC TCC ACC TTC GAC ACC ATG TCG C
1160	W Line data has been corrected	TCC AAC ACC GAC TAC CCC GGA CCC CAC CAC T
1163	W Line data has been corrected	CAG TCC AGC ACG GCC AAG TCA GCC ACC TGG A
1166	W Line data has been corrected	AAG AAA CTC TAC TGC CAG ATC GCC AAG ACA T
1169	W Line data has been corrected	GTG TCC ACC CCG CCA CCC CCA GGC ACT GCC A
1172	W Line data has been corrected	TAC AAG AAA GCG GAG CAC GTG ACC GAC GTC G
1175	W Line data has been corrected	CAC GAG CTC GGG AGG GAC TTC AAC GAA GGA C
1178	W Line data has been corrected	CAC CTC ATC CGC GTG GAA GGC AAT AAT CTC T
1181	W Line data has been corrected	CCT GTC ACC GGC AGG CAG AGC GTC GTG GTG C
1184	W Line data has been corrected	GTG GGG ACG GAA TTC ACC ACC ATC CTG TAC A
1187	W Line data has been corrected	AGC TGT GTA GGG GGC ATG AAC CGG CGG CCC A
1190	W Line data has been corrected	CTG GAG ATG CGG GAT GGG CAG GTG CTG GGC C
1193	W Line data has been corrected	CGC ATC TGC GCC TGT CCT GGC CGC GAC CGA A
1196	W Line data has been corrected	TAC CGG GAG CAG CAG GCC CTG AAC GAG AGC T
1199	W Line data has been corrected	GCC AGC AAG CGT GCC TTC AAG CAG AGC CCC C
1202	W Line data has been corrected	GGT GCC GGT GTG AAG AAG CGG CGG CAT GGA G
1205	W Line data has been corrected	CTT CAG GTG CGA GGC CGG GAG AAC TTT GAG A
1208	W Line data has been corrected	GAG AGC CTG GAG CTG ATG GAG TTG GTG CCG C
1211	W Line data has been corrected	TAT CGG CAG CAG CAG CAG CTC CTA CAG AGG C
1214	W Line data has been corrected	CCG TCC TAC GGG CCG GTC CTC TCG CCC ATG A
1217	W Line data has been corrected	ATG AAC AAG CTG CCC TCC GTC AAC CAG CTG G
1220	W Line data has been corrected	CAC AGT TCG GCA GCT ACA CCC AAC CTG GGG C
1223	W Line data has been corrected	CTC AAC AAC CAT GGC CAC GCA GTG CCA GCC A
1226	W Line data has been corrected	AGC CAC AGC GCC CAG TCC ATG GTC TCG GGG T
1229	W Line data has been corrected	CCC CCC TAC CAC GCC GAC CCC AGC CTC GTC A
1232	W Line data has been corrected	GGG TGT CCA AAC TGC ATC GAG TAT TTC ACC T
1235	W Line data has been corrected	ATT TAC CAC CTG CAG AAC CTG ACC ATT GAG G
1238	W Line data has been corrected	ATC CCC GAG CAG TAC CGC ATG ACC ATC TGG C
1241	W Line data has been corrected	AAG CAG GGC CAC GAC TAC AGC ACC GCG CAG C
1244	W Line data has been corrected	AAC GCG GCC ACC ATC TCC ATC GGC GGC TCA G
1247	W Line data has been corrected	CGG GTC ATG GAG GCC GTG CAC TTC CGC GTG C

Input Set: I125005.RAW

Line	? Error/Warning	Original Text
1250	W Line data has been corrected	CCC AAC CGC GGC GGC CCA GGC GGC GGC CCT G
1253	W Line data has been corrected	GGC TTC GAC CTG CCC GAC TGC AAG GCC CGC A
1256	W Line data has been corrected	GAG TTC ACG GAG GCC GAG ATC CAC TGA
1343	W Line data has been corrected	ATGGCCCCAGT CCACCGCCAC CTCCCCTGAT GGGGGCAC
1344	W Line data has been corrected	TCTCTGGAAC CAGACAGCAC CTACTTCGAC CTTCCCCA
1345	W Line data has been corrected	GTGGTGGGCG GAACGGATTC CAGCATGGAC GTCTTCCA
1346	W Line data has been corrected	GTCATGGCCC AGTTCAATCT GCTGAGCAGC ACCATGGA
1347	W Line data has been corrected	TCGGCCAGCC CCTACACCCC AGAGCACGCC GCCAGCGT
1348	W Line data has been corrected	CAACCCAGCT CCACCTTCGA CACCATGTCTG CCGGCGCC
1349	W Line data has been corrected	TACCCCGGAC CCCACCACTT TGAGGTCACT TTCCAGCA
1350	W Line data has been corrected	ACCTGGACGT ACTCCCCGCT CTTGAAGAAA CTCTACTG
1351	W Line data has been corrected	ATCCAGATCA AGGTGTCCAC CCCGCCACCC CCAGGCAC
1352	W Line data has been corrected	TACAAGAAAG CGGAGCACGT GACCGACGTC GTGAAACG
1353	W Line data has been corrected	AGGGACTTCA ACGAAGGACA GTCTGCTCCA GCCAGCCA
1354	W Line data has been corrected	AATCTCTCGC AGTATGTGGA TGACCCTGTC ACCGGCAG
1355	W Line data has been corrected	GAGCCACCAC AGGTGGGGAC GGAATTCAAC ACCATCCT
1356	W Line data has been corrected	AGCTGTGTAG GGGGCATGAA CCGGCGGCCC ATCCTCAT
1357	W Line data has been corrected	GATGGGCAGG TGCTGGGCCG CCGGTCTTTT GAGGGCCG
1358	W Line data has been corrected	GACCGAAAAG CTGATGAGGA CCACTACCGG GAGCAGCA
1359	W Line data has been corrected	AAGAACGGGG CCGCCAGCAA GCGTGCCTTC AAGCAGAG
1360	W Line data has been corrected	GGTGCCGGTG TGAAGAAGCG GCGGCATGGA GACGAGGA
1361	W Line data has been corrected	GGCCGGGAGA ACTTTGAGAT CCTGATGAAG CTGAAAGA
1362	W Line data has been corrected	GTGCCGCAGC CACTGGTGGA CTCCTATCGG CAGCAGCA
1363	W Line data has been corrected	CACCTACAGC CCCCCTCCTA CGGGCCGGTC CTCTCGCC
1364	W Line data has been corrected	ATGAACAAGC TGCCCTCCGT CAACCAGCTG GTGGGCCA
1365	W Line data has been corrected	GCTACACCCA ACCTGGGGCC CGTGGGCCCC GGGATGCT
1366	W Line data has been corrected	CCAGCCAACG GCGAGATGAG CAGCAGCCAC AGCGCCCA
1367	W Line data has been corrected	TGCACTCCGC CACCCCCCTA CCACGCCGAC CCCAGCCT
1368	W Line data has been corrected	AGATCCCCGA GCAGTACCGC ATGACCATCT GGCGGGGC
1369	W Line data has been corrected	ACGACTACAG CACCGCGCAG CAGCTGCTCC GCTCTAGC
1370	W Line data has been corrected	GCGGCTCAGG GGAAGTGCAG CGCCAGCGGG TCATGGAG
1371	W Line data has been corrected	ACACCATCAC CATCCCCAAC CGCGGCGGCC CAGGCGGC
1372	W Line data has been corrected	TCGGCTTCGA CCTGCCCGAC TGCAAGGCC GCAAGCAG
1373	W Line data has been corrected	AGGCCGAGAT CCACTGA
1449	W Line data has been corrected	GCGAGCTGCC CTCGGAG
1457	W Line data has been corrected	GGTTCTGCAG GTGACTCAG
1465	W Line data has been corrected	GCCATGCCTG TCTACAAG
1473	W Line data has been corrected	ACCAGCTGGT TGACGGAG
1481	W Line data has been corrected	GTCAACCAGC TGGTGGGCCA G
1489	W Line data has been corrected	GTGGATCTCG GCCTCC
1497	W Line data has been corrected	AGGCCGGCGT GGGGAAG
1505	W Line data has been corrected	CTTGGCGATC TGGCAGTAG
1513	W Line data has been corrected	GCGGCCACGA CCGTGAC
1521	W Line data has been corrected	GGCAGCTTGG GTCTCTGG
1529	W Line data has been corrected	CTGTACGTCG GTGACCCC
1537	W Line data has been corrected	TCAGTGGATC TCGGCCTC
1545	W Line data has been corrected	AGGGGACGCA GCGAAACC
1553	W Line data has been corrected	CCATCAGCTC CAGGCTCTC
1561	W Line data has been corrected	CCAGGACAGG CGCAGATG
1569	W Line data has been corrected	GATGAGGTGG CTGGCTGGA

Input Set: I125005.RAW

Line ? Error/Warning

Original Text

1577 W Line data has been corrected

TGGTCAGGTT CTGCAGGTG

1585 W Line data has been corrected

CACCTACTCC AGGGATGC

1593 W Line data has been corrected

AGGAAAATAG AAGCGTCAGT C

1601 W Line data has been corrected

CAGGCCCACT TGCCTGCC

1609 W Line data has been corrected

CTGTCCCCAA GCTGATGAG

1617 W Line data has been corrected

CCCCCCCCCC CCCCCD

1625 W Line data has been corrected

CCCCCCCCCC CCCCCD

Input Set: I125005.RAW

Line	Original Text	Corrected Data
20	TGCCTCCCCG CCCGCGCACC CGCCCCGAGG CCTGTGCT	tgcctccccg cccgcgcacc cgccccgagg cctgtgct
21	GCCGGGGCCC GCGCCAGGCC GGCCGGGACG GACGCCGA	gccggggccc gcgccaggcc ggccgggacg gacgccga
22	AGAGCGAGCT GCCCTCGGAG GCCGGTGTGA GGAAG AT	agagcgagct gccctcggag gccgggtgtga ggaag at
25	ACC TCC CCC GAT GGG GGC ACC ACG TTT GAG C	acc tcc ccc gat ggg ggc acc acg ttt gag c
28	GAA CCA GAC AGC ACC TAC TTC GAC CTT CCC C	gaa cca gac agc acc tac ttc gac ctt ccc c
31	AAT GAG GTG GTG GGT GGC ACG GAT TCC AGC A	aat gag gtg gtg ggt ggc acg gat tcc agc a
34	GAG GGC ATG ACC ACA TCT GTC ATG GCC CAG T	gag ggc atg acc aca tct gtc atg gcc cag t
37	ACC ATG GAC CAG ATG AGC AGC CGC GCT GCC T	acc atg gac cag atg agc agc cgc gct gcc t
40	CCG GAG CAC GCC GCC AGC GTG CCC ACC CAT T	ccg gag cac gcc gcc agc gtg ccc acc cat t
43	AGC TCC ACC TTC GAC ACC ATG TCG CCC GCG C	agc tcc acc ttc gac acc atg tcg ccc gcg c
46	ACC GAC TAT CCC GGA CCC CAC CAC TTC GAG G	acc gac tat ccc gga ccc cac cac ttc gag g
49	AGC ACG GCC AAG TCA GCC ACC TGG ACG TAC T	agc acg gcc aag tca gcc acc tgg acg tac t
52	CTC TAC TGC CAG ATC GCC AAG ACA TGC CCC A	ctc tac tgc cag atc gcc aag aca tgc ccc a
55	GCC CCA CCG CCC CCG GGC ACC GCC ATC CGG G	gcc cca ccg ccc ccg ggc acc gcc atc cgg g
58	AAG GCG GAG CAC GTG ACC GAC ATC GTG AAG C	aag gcg gag cac gtg acc gac atc gtg aag c
61	CTC GGG AGG GAC TTC AAC GAA GGA CAG TCT G	ctc ggg agg gac ttc aac gaa gga cag tct g
64	ATC CGT GTG GAA GGC AAT AAT CTC TCG CAG T	atc cgt gtg gaa ggc aat aat ctc tcg cag t
67	ACC GGC AGG CAG AGC GTC GTG GTG CCC TAT G	acc ggc agg cag agc gtc gtg gtg ccc tat g
70	ACA GAA TTC ACC ACC ATC CTG TAC AAC TTC A	aca gaa ttc acc acc atc ctg tac aac ttc a
73	GTG GGG GGC ATG AAC CGA CGG CCC ATC CTC A	gtg ggg ggc atg aac cga cgg ccc atc ctc a
76	ACG CGG GAT GGG CAG GTG CTG GGC CGC CGG T	acg cgg gat ggg cag gtg ctg ggc cgc cgg t
79	TGC GCC TGT CCT GGC CGC GAC CGA AAA GCC G	tgc gcc tgt cct ggc cgc gac cga aaa gcc g
82	GAG CAG CAG GCC TTG AAT GAG AGC TCC GCC A	gag cag cag gcc ttg aat gag agc tcc gcc a
85	AAG CGC GCC TTC AAG CAG AGT CCC CCT GCC G	aag cgc gcc ttc aag cag agt ccc cct gcc g
88	GGT GTG AAG AAG CGG CGG CAC GGA GAC GAG G	ggt gtg aag aag cgg cgg cac gga gac gag g
91	GTG CGA GGC CGC GAG AAC TTC GAG ATC CTG A	gtg cga ggc cgc gag aac ttc gag atc ctg a
94	CTG GAG CTG ATG GAG TTG GTG CCG CAG CCG C	ctg gag ctg atg gag ttg gtg ccg cag ccg c
97	CAG CAG CAG CAG CTC CTA CAG AGG CCG AGT C	cag cag cag cag ctc cta cag agg ccg agt c
100	TAC GGG CCG GTC CTC TCG CCC ATG AAC AAG G	tac ggg ccg gtc ctc tcg ccc atg aac aag g
103	AAG CTG CCC TCC GTC AAC CAG CTG GTG GGC C	aag ctg ccc tcc gtc aac cag ctg gtg ggc c
106	TCG GCA GCT ACA CCC AAC CTG GGA CCT GTG G	tcg gca gct aca ccc aac ctg gga cct gtg g
109	AAC CAC GGC CAC GCA GTG CCA GCC AAC AGC G	aac cac ggc cac gca gtg cca gcc aac agc g
112	GGC ACC CAG TCC ATG GTC TCG GGG TCC CAC T	ggc acc cag tcc atg gtc tcg ggg tcc cac t
115	TAC CAC GCC GAC CCC AGC CTC GTC AGT TTT T	tac cac gcc gac ccc agc ctc gtc agt ttt t
118	CCA AAC TGC ATC GAG TAT TTC ACG TCC CAG G	cca aac tgc atc gag tat ttc acg tcc cag g
121	CAC CTG CAG AAC CTG ACC ATC GAG GAC CTG G	cac ctg cag aac ctg acc atc gag gac ctg g
124	GAG CAG TAT CGC ATG ACC ATC TGG CGG GGC C	gag cag tat cgc atg acc atc tgg cgg ggc c
127	GGC CAC GAC TAC GGC GCC GCC GCG CAG CAG C	ggc cac gac tac ggc gcc gcc gcg cag cag c
130	GCG GCC GCC ATT TCC ATC GGC GGC TCC GGG G	gcg gcc gcc att tcc atc ggc ggc tcc ggg g
133	GTC ATG GAG GCC GTG CAC TTC CGC GTG CGC C	gtc atg gag gcc gtg cac ttc cgc gtg cgc c
136	AAC CGC GGC GGC CCC GGC GCC GGC CCC GAC G	aac cgc ggc ggc ccc ggc gcc ggc ccc gac g
139	TTC GAC CTG CCC GAC TGC AAG GCC CGC AAG C	ttc gac ctg ccc gac tgc aag gcc cgc aag c
142	TTC ACG GAG GCC GAG ATC CAC TGAGGGGCGG GG	ttc acg gag gcc gag atc cac tgaggggccc gg
145	CACCGCCCAG AGACCCAGGC CGCCTCGCTC TCCTTCCT	caccgcccag agaccaggcc cgccctcgctc tccttcct
146	GCAGGGCCTC CAGGCTGTGC CCGGGGAAAG GCAAGGTC	gcagggcctc caggctgtgc ccggggaaag gcaaggtc
147	CCGGCCCCAG GAGAGGCCCA GCCACCAAAG CCGCCTGC	ccggccccag gagaggccca gccaccaaag ccgcctgc
148	AACCTTCTGG AGCTGCCCTA ATGCTGGGCT TGCGGGGC	aaccttctgg agctgcccta atgctgggct tgcggggc
149	CTGCCACTGC CGGGCGTGCT CCATGGCAGG CGTGGGTG	ctgccactgc cgggctgtct ccattggcagg cgtgggtg
150	CCTCCAGGCC TCATCTAGA GACTCTGTCA TCTGCCGA	cctccaggcc tcactctaga gactctgtca tctgccga
151	AAAGAATCCT CTTCGCTGGT GGACTGCCAA AAAGTATT	aaagaatcct cttcgctggg ggactgccaa aaagtatt

Input Set: I125005.RAW

Line	Original Text	Corrected Data
152	AGAGTGGTGA GCAGCCAAGC GACTGTGTCT GAAACACC	agagtgggtga gcagccaagc gactgtgtct gaaacacc
153	TAACGGGCTG GGGACTCTCT CTGCTGGACT TGGGAGTG	taacgggctg gggactctct ctgctggact tgggagtg
154	ATTCTGCGGG ACCGCTCCT TCCTGCCCCCT AACAACCA	attctgcggg accgcctcct tcctgccccct aacaacca
155	GAAAACTGGG GAAGGCGCAA CCCCTCCAG GTGCGGGA	gaaaactggg gaaggcgcaa cccctccag gtgcggga
156	AGTCCCCCTC AGCCTGGCCA CAGTCACCTC TCCTTGGG	agtccccctc agcctggcca cagtcacctc tccttggg
157	GCCTGTCCTT AGAGGACCGG AAATTGTCAA TATTTGAT	gcctgtcctt agaggaccgg aaattgtcaa tatttgat
251	TGCCTCCCCG CCCGCGCACC CGCCCCGAGG CCTGTGCT	tgcttccccg cccgcgcacc cgccccgagg cctgtgct
252	GCCGGGGCCC GCGCCAGGCC GGCCGGGACG GACGCCGA	gccggggccc gcgccaggcc ggccgggacg gacgccga
253	AGAGCGAGCT GCCCTCGGAG GCCGGTGTGA GGAAG AT	agagcgagct gccctcggag gccggtgtga ggaag at
256	ACC TCC CCC GAT GGG GGC ACC ACG TTT GAG C	acc tcc ccc gat ggg ggc acc acg ttt gag c
259	GAA CCA GAC AGC ACC TAC TTC GAC CTT CCC C	gaa cca gac agc acc tac ttc gac ctt ccc c
262	AAT GAG GTG GTG GGT GGC ACG GAT TCC AGC A	aat gag gtg gtg ggt ggc acg gat tcc agc a
265	GAG GGC ATG ACC ACA TCT GTC ATG GCC CAG T	gag ggc atg acc aca tct gtc atg gcc cag t
268	ACC ATG GAC CAG ATG AGC AGC CGC GCT GCC T	acc atg gac cag atg agc agc cgc gct gcc t
271	CCG GAG CAC GCC GCC AGC GTG CCC ACC CAT T	ccg gag cac gcc gcc agc gtg ccc acc cat t
274	AGC TCC ACC TTC GAC ACC ATG TCG CCC GCG C	agc tcc acc ttc gac acc atg tcg ccc gcg c
277	ACC GAC TAT CCC GGA CCC CAC CAC TTC GAG G	acc gac tat ccc gga ccc cac cac ttc gag g
280	AGC ACG GCC AAG TCA GCC ACC TGG ACG TAC T	agc acg gcc aag tca gcc acc tgg acg tac t
283	CTC TAC TGC CAG ATC GCC AAG ACA TGC CCC A	ctc tac tgc cag atc gcc aag aca tgc ccc a
286	GCC CCA CCG CCC CCG GGC ACC GCC ATC CGG G	gcc cca ccg ccc ccg ggc acc gcc atc cgg g
289	AAG GCG GAG CAC GTG ACC GAC ATC GTG AAG C	aag gcg gag cac gtg acc gac atc gtg aag c
292	CTC GGG AGG GAC TTC AAC GAA GGA CAG TCT G	ctc ggg agg gac ttc aac gaa gga cag tct g
295	ATC CGT GTG GAA GGC AAT AAT CTC TCG CAG T	atc cgt gtg gaa ggc aat aat ctc tcg cag t
298	ACC GGC AGG CAG AGC GTC GTG GTG CCC TAT G	acc ggc agg cag agc gtc gtg gtg ccc tat g
301	ACA GAA TTC ACC ACC ATC CTG TAC AAC TTC A	aca gaa ttc acc acc atc ctg tac aac ttc a
304	GTG GGG GGC ATG AAC CGA CGG CCC ATC CTC A	gtg ggg ggc atg aac cga cgg ccc atc ctc a
307	ACG CGG GAT GGG CAG GTG CTG GGC CGC CGG T	acg cgg gat ggg cag gtg ctg ggc cgc cgg t
310	TGC GCC TGT CCT GGC CGC GAC CGA AAA GCC G	tgccgcc tgt cct ggc cgc gac cga aaa gcc g
313	GAG CAG CAG GCC TTG AAT GAG AGC TCC GCC A	gag cag cag gcc ttg aat gag agc tcc gcc a
316	AAG CGC GCC TTC AAG CAG AGT CCC CCT GCC G	aag cgc gcc ttc aag cag agt ccc cct gcc g
319	GGT GTG AAG AAG CGG CGG CAC GGA GAC GAG G	ggt gtg aag aag cgg cgg cac gga gac gag g
322	GTG CGA GGC CGC GAG AAC TTC GAG ATC CTG A	gtg cga ggc cgc gag aac ttc gag atc ctg a
325	CTG GAG CTG ATG GAG TTG GTG CCG CAG CCG C	ctg gag ctg atg gag ttg gtg ccg cag ccg c
328	CAG CAG CAG CAG CTC CTA CAG AGG CCG AGT C	cag cag cag cag ctc cta cag agg ccg agt c
331	TAC GGG CCG GTC CTC TCG CCC ATG AAC AAG G	tac ggg ccg gtc ctc tcg ccc atg aac aag g
334	AAG CTG CCC TCC GTC AAC CAG CTG GTG GGC C	aag ctg ccc tcc gtc aac cag ctg gtg ggc c
337	TCG GCA GCT ACA CCC AAC CTG GGA CCT GTG G	tcg gca gct aca ccc aac ctg gga cct gtg g
340	AAC CAC GGC CAC GCA GTG CCA GCC AAC AGC G	aac cac ggc cac gca gtg cca gcc aac agc g
343	GGC ACC CAG TCC ATG GTC TCG GGG TCC CAC T	ggc acc cag tcc atg gtc tcg ggg tcc cac t
346	TAC CAC GCC GAC CCC AGC CTC GTC AGG ACC T	tac cac gcc gac ccc agc ctc gtc agg acc t
349	CGAGCAGTAT CGCATGACCA TCTGGCGGGG CCTGCAGG	cgagcagtat cgcattgacca tctggcgggg cctgcagg
350	CGGCGCCGCC GCGCAGCAGC TGCTCCGCTC CAGCAACG	cggcgccgcc gcgcagcagc tgctccgctc cagcaacg
351	CTCCGGGGGAG CTGCAGCGCC AGCGGGTCAT GGAGGCCG	ctccgggggag ctgcagcgcc agcgggtcat ggaggccg
352	CATCACCATC CCCAACC CGC GCGGCCCGG CGCCGGCC	catcaccatc cccaacc cgc gcggcccg cgccggcc
353	CTTCGACCTG CCCGACTGCA AGGCCCGCAA GCAGCCCA	cttcgacctg cccgactgca agggccgcaa gcagccca
354	CGAGATCCAC TGAGGGGCGG GGCCAGCCA GAGCCTGT	cgagatccac tgaggggccc ggccagcca gagcctgt
355	CGCCTCGCTC TC	cgccctcgctc tc
432	GCGAGCTGCC CTCGGAGGCC GGCGTGGGGA AG ATG G	gcgagctgcc ctccgaggcc ggcgtgggga ag atg g
435	TCC CCT GAT GGG GGC ACC ACG TTT GAG CAC C	tcc cct gat ggg ggc acc acg ttt gag cac c
438	CCA GAC AGC ACC TAC TTC GAC CTT CCC CAG T	cca gac agc acc tac ttc gac ctt ccc cag t



Input Set: I125005.RAW

Line	Original Text	Corrected Data
441	GAG GTG GTG GGC GGA ACG GAT TCC AGC ATG G	gag gtg gtg ggc gga acg gat tcc agc atg g
444	GGC ATG ACT ACA TCT GTC ATG GCC CAG TTC A	ggc atg act aca tct gtc atg gcc cag ttc a
447	ATG GAC CAG ATG AGC AGC CGC GCG GCC TCG G	atg gac cag atg agc agc cgc gcg gcc tcg g
450	GAG CAC GCC GCC AGC GTG CCC ACC CAC TCG C	gag cac gcc gcc agc gtg ccc acc cac tcg c
453	TCC ACC TTC GAC ACC ATG TCG CCG GCG CCT G	tcc acc ttc gac acc atg tcg ccg gcg cct g
456	GAC TAC CCC GGA CCC CAC CAC TTT GAG GTC A	gac tac ccc gga ccc cac cac ttt gag gtc a
459	ACG GCC AAG TCA GCC ACC TGG ACG TAC TCC C	acg gcc aag tca gcc acc tgg acg tac tcc c
462	TAC TGC CAG ATC GCC AAG ACA TGC CCC ATC C	tac tgc cag atc gcc aag aca tgc ccc atc c
465	CCG CCA CCC CCA GGC ACT GCC ATC CGG GCC A	ccg cca ccc cca ggc act gcc atc cgg gcc a
468	GCG GAG CAC GTG ACC GAC GTC GTG AAA CGC T	gcg gag cac gtg acc gac gtc gtg aaa cgc t
471	GGG AGG GAC TTC AAC GAA GGA CAG TCT GCT C	ggg agg gac ttc aac gaa gga cag tct gct c
474	CGC GTG GAA GGC AAT AAT CTC TCG CAG TAT G	cgc gtg gaa ggc aat aat ctc tcg cag tat g
477	GGC AGG CAG AGC GTC GTG GTG CCC TAT GAG C	ggc agg cag agc gtc gtg gtg ccc tat gag c
480	GAA TTC ACC ACC ATC CTG TAC AAC TTC ATG T	gaa ttc acc acc atc ctg tac aac ttc atg t
483	GGG GGC ATG AAC CGG CGG CCC ATC CTC ATC A	ggg ggc atg aac cgg cgg ccc atc ctc atc a
486	CGG GAT GGG CAG GTG CTG GGC CGC CGG TCC T	cgg gat ggg cag gtg ctg ggc cgc cgg tcc t
489	GCC TGT CCT GGC CGC GAC CGA AAA GCT GAT G	gcc tgt cct ggc cgc gac cga aaa gct gat g
492	CAG CAG GCC CTG AAC GAG AGC TCC GCC AAG A	cag cag gcc ctg aac gag agc tcc gcc aag a
495	CGT GCC TTC AAG CAG AGC CCC CCT GCC GTC C	cgt gcc ttc aag cag agc ccc cct gcc gtc c
498	GTG AAG AAG CGG CGG CAT GGA GAC GAG GAC A	gtg aag aag cgg cgg cat gga gac gag gac a
501	CGA GGC CGG GAG AAC TTT GAG ATC CTG ATG A	cga ggc cgg gag aac ttt gag atc ctg atg a
504	GAG CTG ATG GAG TTG GTG CCG CAG CCA CTG G	gag ctg atg gag ttg gtg ccg cag cca ctg g
507	CAG CAG CAG CTC CTA CAG AGG CCG AGT CAC C	cag cag cag ctc cta cag agg ccg agt cac c
510	GGG CCG GTC CTC TCG CCC ATG AAC AAG GTG C	ggg ccg gtc ctc tcg ccc atg aac aag gtg c
513	CTG CCC TCC GTC AAC CAG CTG GTG GGC CAG C	ctg ccc tcc gtc aac cag ctg gtg ggc cag c
516	GCA GCT ACA CCC AAC CTG GGG CCC GTG GGC C	gca gct aca ccc aac ctg ggg ccc gtg ggc c
519	CAT GGC CAC GCA GTG CCA GCC AAC GGC GAG A	cat ggc cac gca gtg cca gcc aac ggc gag a
522	GCC CAG TCC ATG GTC TCG GGG TCC CAC TGC A	gcc cag tcc atg gtc tcg ggg tcc cac tgc a
525	CAC GCC GAC CCC AGC CTC GTC AGT TTT TTA A	cac gcc gac ccc agc ctc gtc agt ttt tta a
528	AAC TGC ATC GAG TAT TTC ACC TCC CAA GGG T	aac tgc atc gag tat ttc acc tcc caa ggg t
531	CTG CAG AAC CTG ACC ATT GAG GAC CTG GGG G	ctg cag aac ctg acc att gag gac ctg ggg g
534	CAG TAC CGC ATG ACC ATC TGG CGG GGC CTG C	cag tac cgc atg acc atc tgg cgg ggc ctg c
537	CAC GAC TAC AGC ACC GCG CAG CAG CTG CTC C	cac gac tac agc acc gcg cag cag ctg ctc c
540	ACC ATC TCC ATC GGC GGC TCA GGG GAA CTG C	acc atc tcc atc ggc ggc tca ggg gaa ctg c
543	GAG GCC GTG CAC TTC CGC GTG CGC CAC ACC A	gag gcc gtg cac ttc cgc gtg cgc cac acc a
546	GGC GGC CCA GGC GGC GGC CCT GAC GAG TGG G	ggc ggc cca ggc ggc ggc cct gac gag tgg g
549	CTG CCC GAC TGC AAG GCC CGC AAG CAG CCC A	ctg ccc gac tgc aag gcc cgc aag cag ccc a
552	GAG GCC GAG ATC CAC TGAGGGCCTC GCCTGGCTGC	gag gcc gag atc cac tgagggcctc gcctggctgc
555	GACCCAAGCT GCCTCCCTC TCCTTCCTGT GTGTCCAA	gacccaagct gcctccctc tccttcctgt gtgtccaa
556	TTCGGGCTGT GCCCGGGGAA AGGCAAGGTC CGGCCCAT	ttcgggctgt gcccggggaa aggcaaggtc cggcccat
557	AGGAAAGGCC CAGCCACCGA AGCCGCTGT GGACAGCC	aggaaaggcc cagccaccga agccgctgt ggacagcc
651	TGATCTCCCT GTGGCCTGCA GGGGACTGAG CCAGGGAG	tgatctccct gtggcctgca ggggactgag ccagggag
652	GACACCCAAG GAAACCTTGC TGGCTTTGAG AAAGGGAT	gacacccaag gaaaccttgc tggctttgag aaagggat
653	AGC ATG TGT ATG GGC CCT GTG TAT GAA TCC T	agc atg tgt atg ggc cct gtg tat gaa tcc t
656	AAT TTG CTC AGC AGT GCC ATG GAC CAG ATG G	aat ttg ctc agc agt gcc atg gac cag atg g
659	GCG AGC CCC TAC ACC CCG GAG CAC GCC GCC A	gcg agc ccc tac acc ccg gag cac gcc gcc a
662	CCC TAC GCG CAG CCC AGC TCC ACC TTC GAC A	ccc tac gcg cag ccc agc tcc acc ttc gac a
665	GTC ATC CCT TCC AAT ACC GAC TAC CCC GGC C	gtc atc cct tcc aat acc gac tac ccc ggc c
668	ACC TTC CAG CAG TCG AGC ACT GCC AAG TCG G	acc ttc cag cag tcg agc act gcc aag tcg g
671	CCA CTC TTG AAG AAG TTG TAC TGT CAG ATT G	cca ctc ttg aag aag ttg tac tgt cag att g

Input Set: I125005.RAW

Line	Original Text	Corrected Data
674	CAG ATC AAA GTG TCC ACA CCA CCA CCC CCG G	cag atc aaa gtg tcc aca cca cca ccc ccg g
677	ATG CCT GTC TAC AAG AAG GCA GAG CAT GTG A	atg cct gtc tac aag aag gca gag cat gtg a
680	TGC CCC AAC CAC GAG CTT GGA AGG GAC TTC A	tgc ccc aac cac gag ctt gga agg gac ttc a
683	CCG GCT AGC CAC CTC ATC CGT GTA GAA GGC A	ccg gct agc cac ctc atc cgt gta gaa ggc a
686	GTG GAT GAC CCT GTC ACC GGA AGG CAG AGT G	gtg gat gac cct gtc acc gga agg cag agt g
689	CCC CCA CAG GTG GGA ACA GAA TTT ACC ACC A	ccc cca cag gtg gga aca gaa ttt acc acc a
692	TGT AAC AGC AGC TGT GTG GGG GGC ATG AAT C	tgt aac agc agc tgt gtg ggg ggc atg aat c
695	ATC ATC ACC CTG GAG ACC CGG GAT GGA CAG G	atc atc acc ctg gag acc cgg gat gga cag g
698	TTC GAG GGT CGC ATC TGT GCC TGT CCT GGC C	ttc gag ggt cgc atc tgt gcc tgt cct ggc c
701	GAA GAC CAT TAC CGG GAG CAA CAG GCT CTG A	gaa gac cat tac cgg gag caa cag gct ctg a
704	AAT GGA GCT GCC AGC AAA CGT GCA TTC AAG C	aat gga gct gcc agc aaa cgt gca ttc aag c
707	CCT GCC CTG GGT ACC AAC GTG AAG AAG AGA C	cct gcc ctg ggt acc aac gtg aag aag aga c
710	ATG TTC TAC ATG CAC GTG CGA GGC CGG GAG A	atg ttc tac atg cac gtg cga ggc cgg gag a
713	AAA GTC AAG GAG AGC CTA GAA CTG ATG GAG C	aaa gtc aag gag agc cta gaa ctg atg gag c
716	GTT GAC TCC TAT CGA CAG CAG CAG CAG CAG C	gtt gac tcc tat cga cag cag cag cag cag c
719	AGT CAC CTG CAG CCT CCA TCC TAT GGG CCC G	agt cac ctg cag cct cca tcc tat ggg ccc g
722	AAG GTA CAC GGT GGT GTC AAC AAA CTG CCC T	aag gta cac ggt ggt gtc aac aaa ctg ccc t
725	GGC CAG CCT CCC CCG CAC AGC TCA GCA GCT G	ggc cag cct ccc ccg cac agc tca gca gct g
728	ATG GGC TCC GGG ATG CTC AAC AGC CAC GGC C	atg ggc tcc ggg atg ctc aac agc cac ggc c
731	GGT GAG ATG AAT GGA GGC CAC AGC TCC CAG A	ggt gag atg aat gga ggc cac agc tcc cag a
734	CAC TGC ACC CCG CCA CCC CCC TAT CAT GCA G	cac tgc acc ccg cca ccc ccc tat cat gca g
737	TTT TTG ACA GGG TTG GGG TGT CCA AAC TGC A	ttt ttg aca ggg ttg ggg tgt cca aac tgc a
740	CAA GGG TTG CAG AGC ATC TAC CAC CTG CAG A	caa ggg ttg cag agc atc tac cac ctg cag a
743	CTT GGG GCT CTG AAG GTC CCT GAC CAG TAC C	ctt ggg gct ctg aag gtc cct gac cag tac c
746	GGC CTA CAG GAC CTG AAG CAG AGC CAT GAC T	ggc cta cag gac ctg aag cag agc cat gac t
749	CGC TCC AGC AGC AAC GCG GCC ACC ATC TCC A	cgc tcc agc agc aac gcg gcc acc atc tcc a
752	CTG CAG CGG CAG CGG GTC ATG GAA GCC GTG C	ctg cag cgg cag cgg gtc atg gaa gcc gtg c
755	ACC ATC ACA ATC CCC AAC CGT GGA GGC GCA G	acc atc aca atc ccc aac cgt gga ggc gca g
758	GAC GAG TGG GCG GAC TTT GGC TTT GAC CTG C	gac gag tgg gcg gac ttt ggc ttt gac ctg c
761	AAG CAG CCC ATC AAA GAG GAG TTC ACA GAG A	aag cag ccc atc aaa gag gag ttc aca gag a
764	TGAGGAACGT ACCTTCTTCT CCTGTCTTTC CTCTGTGA	tgaggaacgt accttcttct cctgtctttc ctctgtga
765	CCTGTTGGCT GTGCCACAG AAACCAGCAA GGACCTTC	cctgttggct gtgccacag aaaccagcaa ggaccttc
766	GAAGTCGCTC ATGAACCTAAC TCCCTCTTGG	gaagtcgctc atgaacctaac tccctcttgg
854	TGGTCCCGCT TCGACCAAGA CTCCGGCTAC CAGCTTGC	tggttcccgct tcgaccaaga ctccggctac cagcttgc
855	CCGCTGGGGC TAGCTGGGCG ACGCGGCCA AGCGGCGG	ccgctggggc tagctgggcg acgcgcgcca agcggcgg
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Input Set: I125005.RAW

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**RAW SEQUENCE LISTING**  
PATENT APPLICATION US/09/125,005

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TIME: 14:13:36

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TIME: 11:04:56

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3 Kaghad, Ahmed Mourad  
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Does Not Comply  
Corrected Diskette Needed

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27



PAGE: 2

VERIFICATION SUMMARY  
PATENT APPLICATION US/09/125,005

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TIME: 11:04:56

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Original Text

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